

What is claimed is:

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1. An EL display device having a plurality of display pixels comprising an EL element having an emissive layer between first and second electrodes, and a thin film transistor having first and second conductive regions, one of said first and second conductive regions being connected to said EL element, wherein

an interface between a channel of said thin film transistor and said one of conductive regions connected to said EL element is spaced apart from said emissive layer.

2. An EL display device having a plurality of display pixels comprising an EL element having an emissive layer between first and second electrodes; a first thin film transistor having a first conductive region formed of a semiconductor film and connected to a data line, and a gate electrode connected to a gate line; and a second thin film transistor having a third conductive region formed of a semiconductor film and connected to a power source line of said EL element, a gate electrode connected to a second conductive region of said first thin film transistor, and a fourth conductive region connected to said EL element, wherein

an interface between a channel and said fourth conductive region of said second thin film transistor is spaced apart from said emissive layer.

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3. An EL display device having a plurality of display pixels comprising an EL element having an emissive layer between first and second electrodes, and a thin film transistor having first and second conductive regions formed of a semiconductor film, one of
5 said first and second conductive regions being connected to said EL element, wherein

10 a light shielding film for shielding light emitted from said EL element is provided between said EL element and an interface between said one of conductive regions connected to said EL element and a channel of said thin film transistor.

15 4. The EL display device according to claim 3, wherein the first or second electrode of said thin film transistor also functions as said light shielding film.

5. The EL display device according to claim 3, wherein said light shielding film is provided between said thin film transistor and said EL element disposed on said thin film transistor with an insulating film therebetween, and

20 a second light shielding film is further provided between a transparent substrate on which said thin film transistor is formed and said thin film transistor.

25 6. The EL display device according to claim 5, wherein said second light shielding film has an opening only at a

region located inner than an outer edge of an emissive region of said EL element.

7. The EL display device according to claim 6, wherein said second light shielding film is connected to a power source for supplying power to said EL element.

8. An EL display device having a plurality of display pixels comprising:

an EL element having an emissive layer between first and second electrodes;

a first thin film transistor having a first conductive region formed of a semiconductor film and connected to a data line, and a gate electrode connected to a gate line; and

a second thin film transistor having a third conductive region formed of a semiconductor film and connected to a power source line of said EL element, a gate electrode connected to a second conductive region of said first thin film transistor, and a fourth conductive region connected to said EL element; wherein

a light shielding film for shielding light emitted from said EL element is provided between said EL element and an interface between a channel and said fourth conductive region of said second thin film transistor.

9. The EL display device according to claim 8, wherein a light

shielding film is further provided over the semiconductor film forming an active layer of said first thin film transistor.

10. The EL display device according to claim 8, wherein the first or second electrode of said second thin film transistor also functions as said light shielding film.

11. The EL display device according to claim 8, wherein said light shielding film is electrically connected to said power source line or to a power source.

12. An EL display device having a plurality of display pixels comprising:

an EL element having an emissive layer between first and second electrodes;

a first thin film transistor having a first conductive region formed of a semiconductor film and connected to a data line, and a gate electrode connected to a gate line; and

a second thin film transistor having a third conductive region formed of a semiconductor film and connected to a power source line of said EL element, a gate electrode connected to a second conductive region of said first thin film transistor, and a fourth conductive region connected to said EL element; wherein

a light shielding film for shielding light emitted from said EL element is provided over the semiconductor film forming an active

layer of said first thin film transistor and located between said active layer and said EL element.

13. The EL display device according to claim 12, wherein the first or second electrode of said first thin film transistor also functions as said light shielding film.

14. The EL display device according to claim 12, wherein said light shielding film is electrically connected to said power source line or to a power source.

15. An EL display device having a plurality of display pixels comprising:

an EL element having an emissive layer between first and second electrodes; and

a thin film transistor having first and second conductive regions formed of a semiconductor film, one of said first and second conductive regions being connected to said EL element provided in an upper layer; wherein

a light shielding film having an opening for a portion of said EL element corresponding to a pixel is provided in a layer underlying said thin film transistor.

16. The EL display device according to claim 15, wherein a light shielding film for shielding light emitted from said EL

element is further provided in a layer overlying said thin film transistor.

17. The EL display device according to claim 15, wherein said light shielding film is electrically connected to a power source of said EL element.

18. The EL display device according to claim 15, wherein the opening of said light shielding film is located inner than an outer edge of an emissive region of said EL element.

19. An EL display device having a plurality of display pixels comprising:

an EL element having an emissive layer between first and second electrodes;

a first thin film transistor having a first conductive region formed of a semiconductor film and connected to a data line, and a gate electrode connected to a gate line; and

a second thin film transistor having a third conductive region formed of a semiconductor film and connected to a power source line of said EL element, a gate electrode connected to a second conductive region of said first thin film transistor, and a fourth conductive region connected to said EL element provided in an upper layer; wherein

a light shielding film having an opening corresponding to an

emissive region of said EL element is provided in a layer underlying said second thin film transistor.

5 20. The EL display device according to claim 19, wherein a light shielding film for shielding light emitted from said EL element is provided in a layer overlying the semiconductor film of at least said second thin film transistor among said first and second thin film transistors.

10 21. The EL display device according to claim 19, wherein said light shielding film is electrically connected to a power source of said EL element.

15 22. The EL display device according to claim 19, wherein the opening of said light shielding film is located inner than an outer edge of an emissive region of said EL element.